

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

GFP-Trak1

RRID:Addgene_127621

Type: Plasmid

Proper Citation

RRID:Addgene_127621

Plasmid Information

URL: <http://www.addgene.org/127621>

Proper Citation: RRID:Addgene_127621

Insert Name: Trak1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24671417](#)

Vector Backbone Description: Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: GFP-Trak1

Record Creation Time: 20220422T221709+0000

Record Last Update: 20260815T080438+0000

Ratings and Alerts

No rating or validation information has been found for GFP-Trak1.

No alerts have been found for GFP-Trak1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Liu D, et al. (2025) Optineurin-facilitated axonal mitochondria delivery promotes neuroprotection and axon regeneration. Nature communications, 16(1), 1789.

Covill-Cooke C, et al. (2024) Shared structural features of Miro binding control mitochondrial homeostasis. The EMBO journal, 43(4), 595.

Liu D, et al. (2024) Optineurin-facilitated axonal mitochondria delivery promotes neuroprotection and axon regeneration. bioRxiv : the preprint server for biology.